

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 4442026  |
| <b>Application Number:</b>                  | 10693135   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 1783   |
| <b>Title of Invention:</b>                  | LAYERED MODULATION FOR TERRESTRIAL ATSC APPLICATIONS |
| <b>First Named Inventor/Applicant Name:</b> | Ernest C. Chen                                       |
| <b>Customer Number:</b>                     | 20991  |
| <b>Filer:</b>                               | Todd N. Snyder/Janet Shibata                         |
| <b>Filer Authorized By:</b>                 | Todd N. Snyder                                       |
| <b>Attorney Docket Number:</b>              | PD-201062  |
| <b>Receipt Date:</b>                        | 11-DEC-2008  |
| <b>Filing Date:</b>                         | 24-OCT-2003  |
| <b>Time Stamp:</b>                          | 19:28:51   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)                          |

### Payment information:

|  |                 |
|--|-----------------|
| Submitted with Payment                   | yes             |
| Payment Type                             | Deposit Account |
| Payment was successfully received in RAM | \$ 180          |
| RAM confirmation Number                  | 6188            |
| Deposit Account                          | 500383          |
| Authorized User                          |                 |

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## File Listing:

| Document Number              | Document Description                                 | File Name                                | File Size(Bytes)/<br>Message Digest      | Multi Part /.zip | Pages (if appl.) |
|------------------------------|--|--|--|------------------|------------------|
| 1                            |  | PD-201062-IDS121108.PDF                  | 307079                                   | yes              | 5                |
|                              |  |  | ee194201b4715c1280a29ddb94a3d5e93ac125db |                  |                  |
|                              | Multipart Description/PDF files in .zip description  |  |  |                  |                  |
|                              | Document Description                                 | Start                                    | End                                      |                  |                  |
|                              | Information Disclosure Statement (IDS) Filed (SB/08) | 1  | 2  |                  |                  |
|                              | Information Disclosure Statement Letter              | 3  | 5  |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
| 2                            | NPL Documents  | PD-202021-EP-OA.pdf                      | 181873                                   | no               | 3                |
|                              |  |  | 924325e7097e944a022d83ca65b46c94b4bc58a9 |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
| 3                            | NPL Documents  | PD-202111-EP-OA.PDF                      | 150817                                   | no               | 3                |
|                              |  |  | 922b49bf58aa450d168868f694a007a8998aa567 |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
| 4                            | NPL Documents  | PD-201147-Non-FinalRejection-12-3-08.pdf | 200744                                   | no               | 5                |
|                              |  |  | 89a14db088deac68da12b327fc3274a0a345c2f9 |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
| 5                            | NPL Documents  | PD-202129A-NAL.pdf                       | 325920                                   | no               | 7                |
|                              |  |  | 61a37cfa94416274ec95f11ff052e4dc959c1785 |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
| 6                            | Fee Worksheet (PTO-06)                               | fee-info.pdf                             | 30212                                    | no               | 2                |
|                              |  |  | 7a787ac7f28f8337814cce4fb55d674cca31c15f |                  |                  |
| Warnings:                    |  |  |  |                  |                  |
| Information:                 |  |  |  |                  |                  |
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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

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**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**